Applicant	Lu et al.	
Serial No.	Not Assigned	**PRELIMINARY**
Filing Date	Herewith	
Confirmation No.	Unknown	**AMENDMENT**
Examiner	Unknown	
Attorney Docket No.	100.529US01	
Title: CABLE CALCULATOR		

IN THE SPECIFICATION

Please amend the specification as follows:

[0011]   System 100 stores the machine readable instructions of the software in storage medium 102 and executes these instructions in microprocessor 104. Figures 2-7 describe various aspects of embodiments of software storable in storage medium 102. In one embodiment, storage medium 102 includes one or more of the following: dynamic random access memory, static random access memory, magnetoresistive random access memory, electrical erasable programmable read only memory (EEPROM), erasable programmable read only memory (EPROM), Flash memory, compact disk, or other removable or fixed storage medium. Further, microprocessor 104 comprises at least one of a general purpose processor, special purpose processor, a programmable logic array, an application specific integrated ~~intergrated~~ circuit (ASIC), or other appropriate device for executing machine readable instructions.

[0028]   The loss factor is selected, in one embodiment, based on the location of the bridge tap and the selected service. For example, when the selected service is HDSL2, the loss factor is selected according to the following Table 3:

Bridge tap location (BT)	Loss Multiplier ~~Mulitplier~~
BT ≤ 0.5 Kft from the closest terminal	1.5
0.5 < BT ≤1.5 Kft from the closest terminal	1.0
BT > 1.5 Kft from the closest terminal	0.0

Table 3